

| Ref # | Hits | Search Query   | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------------|------------------|---------|------------------|
| S1    | 2    | ("5566321" or ("5924093")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2004/02/04 18:09 |
| S2    | 409  | jvm and memory and stack heap and local and global   | USPAT                        | OR               | ON      | 2002/08/12 13:23 |
| S3    | 77   | jvm and memory and stack heap and ((local and global) adj4 root)   | USPAT                        | OR               | ON      | 2002/08/12 13:24 |
| S4    | 76   | jvm and memory and stack heap and ((local and global) adj4 root) and thread and monitor  | USPAT                        | OR               | ON      | 2002/08/12 14:02 |
| S5    | 1    | jvm and memory and (thread adj3 stack) and (thread adj3 heap) and (creat\$3) and (monitor\$3)                                  | USPAT                        | OR               | ON      | 2002/08/12 14:04 |
| S6    | 2    | jvm and memory and (thread with stack or heap) and (creat\$3) and (monitor\$3) and (\$4reachable)                              | USPAT                        | OR               | ON      | 2002/08/12 14:05 |
| S7    | 3    | jvm and memory and (thread with stack or heap) and (local with object) and (global with object) and (\$4reachable)             | USPAT                        | OR               | ON      | 2002/08/12 14:08 |
| S8    | 0    | jvm and ((creat\$3 or monitor\$3) with (thread with heap)) and (local with object) and (global with object) and (\$4reachable) | USPAT                        | OR               | ON      | 2002/08/12 14:10 |
| S9    | 0    | jvm and ((creat\$3 or monitor\$3) with (thread with heap)) and (\$4reachable)  | USPAT                        | OR               | ON      | 2002/08/12 14:10 |
| S10   | 0    | jvm and ((creat\$3 or monitor\$3) with (thread with heap))   | USPAT                        | OR               | ON      | 2002/08/12 14:10 |
| S11   | 0    | jvm and (creat\$3 with thread adj3 heap)   | USPAT                        | OR               | ON      | 2002/12/16 14:53 |
| S12   | 4    | jvm and (thread adj3 heap)   | USPAT                        | OR               | ON      | 2002/08/12 14:11 |
| S13   | 8    | jvm and ((local or global) with object) and (\$4reachable)   | USPAT                        | OR               | ON      | 2002/08/12 14:13 |
| S14   | 14   | jvm and ((local or global) with object) and (object with status)   | USPAT                        | OR               | ON      | 2002/08/12 14:16 |
| S15   | 45   | (thread with (stack or heap)) and ((local or global) with object) and (status)   | USPAT                        | OR               | ON      | 2002/08/12 14:23 |
| S16   | 8    | (thread same (stack or heap)) and ((local or global) same object) and (status) and jvm   | USPAT                        | OR               | ON      | 2002/08/12 14:23 |
| S17   | 1    | ("5761670").PN.  | USPAT;<br>USOCR              | OR               | OFF     | 2002/08/12 15:09 |

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|-----|------|---|--------------|----|-----|------------------|
| S18 | 4    | ("5819299") or ("5848423") or ("5930807") or ("5991779").PN.                              | USPAT; USOCR | OR | OFF | 2002/08/12 15:15 |
| S19 | 1    | ("6317756").PN.   | USPAT; USOCR | OR | OFF | 2002/08/12 15:15 |
| S20 | 1    | ("6098080").PN.   | USPAT; USOCR | OR | OFF | 2002/08/12 15:17 |
| S21 | 14   | mark adj sweep adj collector  | USPAT        | OR | ON  | 2002/08/12 17:33 |
| S22 | 304  | garbage adj collector   | USPAT        | OR | ON  | 2002/08/12 17:34 |
| S23 | 77   | (garbage adj collector) and (local or global) and (status) and (heap or stack)            | USPAT        | OR | ON  | 2002/08/12 17:52 |
| S24 | 17   | (garbage adj collector) and (local or global) and (status) and (jvm)                      | USPAT        | OR | ON  | 2002/08/12 17:39 |
| S25 | 15   | (garbage adj collector) and (local or global) and (status) and (heap or stack) and jvm    | USPAT        | OR | ON  | 2002/08/12 17:53 |
| S26 | 77   | (garbage adj collector) and (local or global) and (status) and (heap or stack) and object | USPAT        | OR | ON  | 2002/08/13 09:03 |
| S27 | 0    | (garbage adj collector) and (monitor adj10 stack)   | USPAT        | OR | ON  | 2002/08/13 09:04 |
| S28 | 1    | (garbage adj collector) and (monitor\$3 adj10 stack)                                      | USPAT        | OR | ON  | 2002/08/13 09:11 |
| S29 | 1013 | monitor\$3 adj10 stack  | USPAT        | OR | ON  | 2002/08/13 09:12 |
| S30 | 1    | monitor\$3 adj10 thread adj stack   | USPAT        | OR | ON  | 2002/08/13 10:30 |
| S31 | 1    | ("6289360").PN.   | USPAT; USOCR | OR | OFF | 2002/08/13 10:34 |
| S32 | 1    | ("5953736").PN.   | USPAT; USOCR | OR | OFF | 2002/08/13 10:34 |
| S33 | 87   | jvm and interpreter and compiler  | USPAT        | OR | ON  | 2002/08/14 08:33 |
| S34 | 8    | jvm and (monitor\$3 adj10 stack)  | USPAT        | OR | ON  | 2002/08/14 12:56 |
| S35 | 0    | (class adj object) and (thread adj object) and (Runnable adj object)                      | USPAT        | OR | ON  | 2002/08/14 12:57 |
| S36 | 50   | (class adj object) and (thread adj object)  | USPAT        | OR | ON  | 2002/08/14 12:57 |
| S37 | 1    | ("5953736").PN.   | USPAT; USOCR | OR | OFF | 2002/08/24 10:08 |
| S38 | 11   | java and (runtime adj3 area) and heap   | USPAT        | OR | ON  | 2002/08/24 11:30 |
| S39 | 12   | (runtime adj3 area) and heap  | USPAT        | OR | ON  | 2002/08/24 11:31 |
| S40 | 14   | (runtime adj5 area) and heap and stack  | USPAT        | OR | ON  | 2002/08/24 11:35 |
| S41 | 14   | (run\$time adj5 area) and heap and stack  | USPAT        | OR | ON  | 2002/08/24 11:35 |

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|-----|----|---|------------------------------|----|-----|------------------|
| S42 | 14 | (run\$time adj5 area) and heap and stack and (local or global)  | USPAT                        | OR | ON  | 2002/08/24 11:40 |
| S43 | 7  | (local adj3 heap) and (local adj3 stack)  | USPAT                        | OR | ON  | 2002/08/24 11:40 |
| S44 | 42 | jvm and ((local or global) with (stack or heap))  | USPAT                        | OR | ON  | 2002/12/16 14:55 |
| S45 | 68 | jvm and ((local or global) with (stack or heap))  | US-PGPUB;<br>USPAT           | OR | ON  | 2002/12/16 15:14 |
| S46 | 25 | ((local or global) with (stack or heap)) and multi\$thread  | US-PGPUB;<br>USPAT           | OR | ON  | 2002/12/17 10:47 |
| S47 | 1  | ("6304949").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2002/12/16 15:17 |
| S48 | 1  | ("6304949").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2002/12/17 15:35 |
| S49 | 1  | "5968157".PN.   | USPAT                        | OR | OFF | 2002/12/17 10:47 |
| S50 | 1  | "5848423".PN.   | USPAT                        | OR | OFF | 2002/12/17 10:47 |
| S51 | 72 | (memory adj management) and (garbage-collect\$3)  | US-PGPUB;<br>USPAT           | OR | ON  | 2002/12/18 10:54 |
| S52 | 0  | (memory adj management) and (garbage-collect\$3) and (multi\$thread)  | US-PGPUB;<br>USPAT           | OR | ON  | 2002/12/17 15:36 |
| S53 | 26 | (memory adj management) and (garbage-collect\$3) and (multi\$thread\$3)   | US-PGPUB;<br>USPAT           | OR | ON  | 2002/12/17 15:36 |
| S54 | 1  | ("6304949").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2002/12/18 16:06 |
| S55 | 4  | (("6304949") or ("6253215") or ("5652883") or ("6028999")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2002/12/18 16:06 |
| S56 | 2  | (("5745758") or ("5668951")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/01/22 17:25 |
| S57 | 2  | (("5664101") or ("5475601")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/01/22 17:25 |
| S58 | 1  | "5864687".PN.   | USPAT                        | OR | OFF | 2003/06/30 14:58 |
| S59 | 1  | "5813031".PN.   | USPAT                        | OR | OFF | 2003/06/30 14:59 |
| S60 | 1  | "5636362".PN.   | USPAT                        | OR | OFF | 2003/06/30 14:59 |
| S61 | 0  | (((thread) and (heap) and ((local or global) near3 (object or root))) and (java or jvm or jit)) and "709"/\$.ccls | US-PGPUB;<br>USPAT           | OR | ON  | 2003/06/30 15:03 |

|     |    |   |                        |    |     |                  |
|-----|----|---|------------------------|----|-----|------------------|
| S62 | 17 | ((thread) and (heap) and ((local or global) near3 (object or root))) and (java or jvm or jit) and "711"/*.ccls. | US-PGPUB; USPAT        | OR | ON  | 2003/06/30 15:16 |
| S63 | 1  | ("6304949").PN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/06/30 15:09 |
| S64 | 1  | "5968157".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:10 |
| S65 | 1  | "5848423".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:10 |
| S66 | 1  | "5692185".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:13 |
| S67 | 1  | "5687368".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:13 |
| S68 | 1  | "5566321".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:13 |
| S69 | 6  | ((thread) and (heap) and ((local or global) near3 (object or root))) and (java or jvm or jit) and "712"/*.ccls. | US-PGPUB; USPAT        | OR | ON  | 2003/06/30 15:19 |
| S70 | 16 | ((thread) and (heap) and ((local or global) near3 (object or root))) and (java or jvm or jit) and "717"/*.ccls. | US-PGPUB; USPAT        | OR | ON  | 2003/06/30 15:28 |
| S71 | 1  | ((thread) and (heap) and ((local or global) near3 (object or root))) and (java or jvm or jit) and "714"/*.ccls. | US-PGPUB; USPAT        | OR | ON  | 2003/06/30 15:28 |
| S72 | 83 | ((thread) and (heap) and ((local or global) near3 (object or root))) and (java or jvm or jit)                   | US-PGPUB; USPAT        | OR | ON  | 2003/06/30 15:29 |
| S73 | 86 | ((thread) and (heap) and ((local or global) near3 (object or root))) and (garbage)                              | US-PGPUB; USPAT        | OR | ON  | 2003/06/30 15:35 |
| S74 | 1  | "6182274".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:44 |
| S75 | 1  | "6158048".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:44 |
| S76 | 1  | "6151703".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:45 |
| S77 | 1  | "6141794".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:47 |
| S78 | 1  | "6131187".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:47 |
| S79 | 1  | "6106571".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:47 |
| S80 | 1  | "6081665".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:47 |
| S81 | 1  | "6075942".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:54 |
| S82 | 1  | "6074432".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:55 |
| S83 | 1  | "6070010".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:55 |
| S84 | 1  | "6011918".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:55 |
| S85 | 1  | "5974256".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:56 |
| S86 | 1  | "5943496".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:56 |
| S87 | 1  | "5913065".PN.   | USPAT                  | OR | OFF | 2003/06/30 15:57 |

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|------|-----|--|--------------------|----|-----|------------------|
| S88  | 1   | "5913065".PN.  | USPAT              | OR | OFF | 2003/06/30 15:58 |
| S89  | 1   | "5907707".PN.  | USPAT              | OR | OFF | 2003/06/30 15:58 |
| S90  | 1   | "5905895".PN.  | USPAT              | OR | OFF | 2003/06/30 15:58 |
| S91  | 0   | "5898885".PN.  | USPAT              | OR | OFF | 2003/06/30 15:58 |
| S92  | 1   | "5898885".PN.  | USPAT              | OR | OFF | 2003/06/30 15:58 |
| S93  | 1   | "5898850".PN.  | USPAT              | OR | OFF | 2003/06/30 15:58 |
| S94  | 1   | "4961137".PN.  | USPAT              | OR | OFF | 2003/06/30 15:59 |
| S95  | 1   | "4912629".PN.  | USPAT              | OR | OFF | 2003/06/30 16:02 |
| S96  | 1   | "4907151".PN.  | USPAT              | OR | OFF | 2003/06/30 16:02 |
| S97  | 1   | "4797810".PN.  | USPAT              | OR | OFF | 2003/06/30 16:02 |
| S98  | 1   | "5692185".PN.  | USPAT              | OR | OFF | 2003/06/30 16:03 |
| S99  | 1   | "5687368".PN.  | USPAT              | OR | OFF | 2003/06/30 16:03 |
| S100 | 1   | "5566321".PN.  | USPAT              | OR | OFF | 2003/06/30 16:04 |
| S101 | 1   | "5561786".PN.  | USPAT              | OR | OFF | 2003/06/30 16:04 |
| S102 | 1   | "5535329".PN.  | USPAT              | OR | OFF | 2003/06/30 16:06 |
| S103 | 1   | "5408650".PN.  | USPAT              | OR | OFF | 2003/06/30 16:07 |
| S104 | 1   | "5301288".PN.  | USPAT              | OR | OFF | 2003/06/30 16:07 |
| S105 | 1   | "5913065".PN.  | USPAT              | OR | OFF | 2003/06/30 16:08 |
| S106 | 1   | "5907707".PN.  | USPAT              | OR | OFF | 2003/06/30 16:08 |
| S107 | 1   | "5864862".PN.  | USPAT              | OR | OFF | 2003/06/30 16:08 |
| S108 | 1   | "5848423".PN.  | USPAT              | OR | OFF | 2003/06/30 16:09 |
| S109 | 1   | "5787431".PN.  | USPAT              | OR | OFF | 2003/06/30 16:09 |
| S110 | 1   | "5761477".PN.  | USPAT              | OR | OFF | 2003/06/30 16:10 |
| S111 | 1   | "5740441".PN.  | USPAT              | OR | OFF | 2003/06/30 16:10 |
| S112 | 1   | "5418964".PN.  | USPAT              | OR | OFF | 2003/06/30 16:11 |
| S113 | 129 | (thread) and (heap) and ((local or global) near3 (object or root)) | US-PGPUB;<br>USPAT | OR | ON  | 2003/06/30 16:21 |
| S114 | 3   | (thread adj2 stack) and (thread adj2 heap) and (global adj2 heap)  | US-PGPUB;<br>USPAT | OR | ON  | 2003/06/30 16:27 |

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|----------|------|--|--------------------|----|-----|------------------|
| S11<br>5 | 1    | "6112222".PN.  | USPAT              | OR | OFF | 2003/06/30 16:23 |
| S11<br>6 | 1    | "6108757".PN.  | USPAT              | OR | OFF | 2003/06/30 16:23 |
| S11<br>7 | 1    | "6070202".PN.  | USPAT              | OR | OFF | 2003/06/30 16:23 |
| S11<br>8 | 1    | "6058460".PN.  | USPAT              | OR | OFF | 2003/06/30 16:24 |
| S11<br>9 | 1    | "5978893".PN.  | USPAT              | OR | OFF | 2003/06/30 16:25 |
| S12<br>0 | 1    | "5930829".PN.  | USPAT              | OR | OFF | 2003/06/30 16:25 |
| S12<br>1 | 1    | "5809554".PN.  | USPAT              | OR | OFF | 2003/06/30 16:25 |
| S12<br>2 | 1    | "5784699".PN.  | USPAT              | OR | OFF | 2003/06/30 16:26 |
| S12<br>3 | 1    | "5809554".PN.  | USPAT              | OR | OFF | 2003/06/30 16:26 |
| S12<br>4 | 1    | "5864867".PN.  | USPAT              | OR | OFF | 2003/06/30 16:26 |
| S12<br>5 | 1    | "5339411".PN.  | USPAT              | OR | OFF | 2003/06/30 16:26 |
| S12<br>6 | 1566 | (memory adj2 management) and (thread or heap)  | US-PGPUB;<br>USPAT | OR | ON  | 2003/06/30 16:27 |
| S12<br>7 | 422  | ((memory adj2 management) and (thread or heap)) and (java or jit)  | US-PGPUB;<br>USPAT | OR | ON  | 2003/06/30 16:28 |
| S12<br>8 | 374  | (((memory adj2 management) and (thread or heap)) and (java or jit)) and (local or global)                          | US-PGPUB;<br>USPAT | OR | ON  | 2003/06/30 16:28 |
| S12<br>9 | 139  | (((memory adj2 management) and (thread or heap)) and (java or jit)) and ((local or global) near3 (object or root)) | US-PGPUB;<br>USPAT | OR | ON  | 2003/07/01 09:04 |
| S13<br>0 | 1    | "5909579".PN.  | USPAT              | OR | OFF | 2003/06/30 16:53 |
| S13<br>1 | 1    | "5903899".PN.  | USPAT              | OR | OFF | 2003/06/30 16:54 |
| S13<br>2 | 1    | "5893121".PN.  | USPAT              | OR | OFF | 2003/06/30 16:54 |
| S13<br>3 | 1    | "5890169".PN.  | USPAT              | OR | OFF | 2003/06/30 16:54 |
| S13<br>4 | 1    | "5848423".PN.  | USPAT              | OR | OFF | 2003/06/30 16:55 |
| S13<br>5 | 1    | "5845298".PN.  | USPAT              | OR | OFF | 2003/06/30 16:55 |

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| S13<br>6 | 1  | "5845298".PN.   | USPAT                        | OR | OFF | 2003/06/30 16:56 |
| S13<br>7 | 1  | "5787287".PN.   | USPAT                        | OR | OFF | 2003/06/30 16:56 |
| S13<br>8 | 11 | ((local or global) adj2 heap) and<br>(local adj3 stack)   | US-PGPUB;<br>USPAT           | OR | ON  | 2003/07/02 11:53 |
| S13<br>9 | 1  | "5530820".PN.   | USPAT                        | OR | OFF | 2003/07/01 09:12 |
| S14<br>0 | 1  | "5390309".PN.   | USPAT                        | OR | OFF | 2003/07/01 09:13 |
| S14<br>1 | 1  | "5337412".PN.   | USPAT                        | OR | OFF | 2003/07/01 09:13 |
| S14<br>2 | 1  | ("6317869").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/07/02 11:59 |
| S14<br>3 | 1  | ("6308315").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/07/02 11:55 |
| S14<br>4 | 1  | ("5848423").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/07/02 12:09 |
| S14<br>5 | 1  | ("5692193").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/07/02 16:18 |
| S14<br>6 | 5  | (("5692193") or ("6308315") or<br>("6317859") or ("5848423") or<br>("5088036")).PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/07/02 16:22 |
| S14<br>7 | 5  | (("5692193") or ("6308315") or<br>("6317869") or ("5848423") or<br>("5088036")).PN.                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2003/07/02 16:22 |
| S14<br>8 | 0  | ("(java)and(garbageadj3collect\$3)<br>and((globalorshared)adj3heap)and<br>((localorprivate)adj3heap)").PN.          | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/02/03 14:53 |
| S14<br>9 | 8  | (java) and (garbage adj3<br>collect\$3) and ((global or shared)<br>adj3 heap) and ((local or private)<br>adj3 heap) | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/03 14:55 |
| S15<br>0 | 8  | (java) and ((global or shared) adj3<br>heap) and ((local or private) adj3<br>heap)                                  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/03 14:55 |
| S15<br>1 | 34 | ((global or shared) adj3 heap) and<br>((local or private) adj3 heap)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/03 15:23 |
| S15<br>2 | 41 | ((global or shared) adj5 heap) and<br>((local or private) adj5 heap)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/03 15:30 |
| S15<br>3 | 1  | "5754841".PN.   | USPAT                        | OR | OFF | 2004/02/03 15:27 |

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|----------|-----|--|--------------------|----|-----|------------------|
| S15<br>4 | 1   | "5634053".PN.  | USPAT              | OR | OFF | 2004/02/03 15:27 |
| S15<br>5 | 1   | "5430850".PN.  | USPAT              | OR | OFF | 2004/02/03 15:28 |
| S15<br>6 | 1   | "5119465".PN.  | USPAT              | OR | OFF | 2004/02/03 15:28 |
| S15<br>7 | 833 | ((global or shared) adj5 object)<br>and ((local or private) adj5 object)   | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 15:31 |
| S15<br>8 | 6   | ((global or shared) adj5 object)<br>and ((local or private) adj5 object)<br>and java and (local adj3 root) and<br>(global adj3 root) | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 15:32 |
| S15<br>9 | 28  | ((global or shared) adj5 object)<br>and ((local or private) adj5 object)<br>and java and (static adj3 variable)                      | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 15:36 |
| S16<br>0 | 42  | ((global or shared) adj5 object)<br>and ((local or private) adj5 object)<br>and java and (object near3 status)                       | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 15:42 |
| S16<br>1 | 30  | ((global or shared) adj5 object)<br>and ((local or private) adj5 object)<br>and java and (heap) and (stack)                          | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 15:59 |
| S16<br>2 | 1   | "6393440".PN.  | USPAT              | OR | OFF | 2004/02/03 15:52 |
| S16<br>3 | 1   | "6353838".PN.  | USPAT              | OR | OFF | 2004/02/03 15:52 |
| S16<br>4 | 1   | "6304949".PN.  | USPAT              | OR | OFF | 2004/02/03 15:53 |
| S16<br>5 | 1   | "6237060".PN.  | USPAT              | OR | OFF | 2004/02/03 15:53 |
| S16<br>6 | 1   | "5968157".PN.  | USPAT              | OR | OFF | 2004/02/03 15:53 |
| S16<br>7 | 1   | "5848423".PN.  | USPAT              | OR | OFF | 2004/02/03 15:54 |
| S16<br>8 | 8   | ((global or shared) adj5 object)<br>and ((local or private) adj5 object)<br>and java and "718"/\$.ccls.                              | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 16:01 |
| S16<br>9 | 46  | ((global or shared) adj5 object)<br>and ((local or private) adj5 object)<br>and java and "719"/\$.ccls.                              | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 16:01 |
| S17<br>0 | 1   | "6446257".PN.  | USPAT              | OR | OFF | 2004/02/03 16:08 |
| S17<br>1 | 1   | "6434575".PN.  | USPAT              | OR | OFF | 2004/02/03 16:08 |
| S17<br>2 | 1   | "6341293".PN.  | USPAT              | OR | OFF | 2004/02/03 16:08 |
| S17<br>3 | 1   | "6289360".PN.  | USPAT              | OR | OFF | 2004/02/03 16:09 |

|          |     |   |                              |    |     |                  |
|----------|-----|---|------------------------------|----|-----|------------------|
| S17<br>4 | 1   | "6226653".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:09 |
| S17<br>5 | 1   | "6173294".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:09 |
| S17<br>6 | 1   | "6125434".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:09 |
| S17<br>7 | 1   | "6115782".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:10 |
| S17<br>8 | 1   | "6105041".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:10 |
| S17<br>9 | 1   | "6098089".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:11 |
| S18<br>0 | 1   | "6093216".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:11 |
| S18<br>1 | 1   | "6065020".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:12 |
| S18<br>2 | 1   | "6049810".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:12 |
| S18<br>3 | 1   | "5999732".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:13 |
| S18<br>4 | 1   | "5946492".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:14 |
| S18<br>5 | 1   | "5903900".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:14 |
| S18<br>6 | 1   | "5900001".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:14 |
| S18<br>7 | 1   | "5687368".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:15 |
| S18<br>8 | 1   | "5652883".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:15 |
| S18<br>9 | 33  | ((global or shared) adj5 object)<br>and ((local or private) adj5 object)<br>and java and (heap)                 | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/03 16:24 |
| S19<br>0 | 1   | "6065020".PN.   | USPAT                        | OR | OFF | 2004/02/03 16:19 |
| S19<br>1 | 1   | ("5,566,321,").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/02/03 16:47 |
| S19<br>2 | 262 | (stack) and (heap) and (java) and<br>(garbage adj3 collect\$3)  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/03 17:33 |
| S19<br>3 | 175 | (stack) and (heap) and (java) and<br>(garbage adj3 collect\$3) and (local<br>or private) and (global or shared) | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/03 16:48 |

|          |    |   |                    |    |    |                  |
|----------|----|---|--------------------|----|----|------------------|
| S19<br>4 | 54 | (stack) and (heap) and (java) and (garbage adj3 collect\$3) and (local or private) and (global or shared) and status and root | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:00 |
| S19<br>5 | 10 | (stack) and (heap) and (java) and (status near5 (local or global))  | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:02 |
| S19<br>6 | 12 | (heap) and (java) and (status near5 (local or global))  | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:03 |
| S19<br>7 | 25 | (heap) and (stack) and (status near5 (local or global))   | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:06 |
| S19<br>8 | 96 | (heap) and (stack) and (static adj3 variable)   | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:06 |
| S19<br>9 | 11 | (heap) and (stack) and (static adj3 variable) and "718"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:07 |
| S20<br>0 | 9  | (heap) and (stack) and (static adj3 variable) and "719"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:10 |
| S20<br>1 | 90 | (heap) and (stack) and (local adj3 variable) and (global adj3 variable)   | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:29 |
| S20<br>2 | 40 | (heap) and (stack) and (local adj3 variable) and (global adj3 variable) and (static) and (status)                             | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:22 |
| S20<br>3 | 26 | (heap) and (stack) and (local adj3 variable) and (global adj3 variable) and (monitor\$3) and (status)                         | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:23 |
| S20<br>4 | 8  | (heap) and (stack) and (local adj3 variable) and (global adj3 variable) and "718"/\$.ccls.                                    | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:28 |
| S20<br>5 | 5  | (heap) and (stack) and (local adj3 variable) and (global adj3 variable) and "719"/\$.ccls.                                    | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:28 |
| S20<br>6 | 87 | (heap) and (stack) and (local adj3 variable) and (global adj3 variable) and object  | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:29 |
| S20<br>7 | 38 | (stack) and (heap) and (java) and (garbage adj3 collect\$3) and "718"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:36 |
| S20<br>8 | 31 | (stack) and (heap) and (java) and (garbage adj3 collect\$3) and "719"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:38 |
| S20<br>9 | 9  | (stack) and (heap) and (java) and (object near5 allocat\$3) and ((local or global) near4 object) and (thread adj3 heap)       | US-PGPUB;<br>USPAT | OR | ON | 2004/02/03 17:40 |

|          |     |   |                    |    |     |                  |
|----------|-----|---|--------------------|----|-----|------------------|
| S21<br>0 | 81  | (stack) and (heap) and (java) and (object near5 allocat\$3) and ((local or global) near4 object) and thread | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 17:41 |
| S21<br>1 | 94  | (stack) and (heap) and (java) and (object near5 allocat\$3) and ((local or global) near4 object)            | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 17:42 |
| S21<br>2 | 66  | (stack) and (heap) and (java) and ((local or global) adj3 object)   | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 17:44 |
| S21<br>3 | 122 | (stack) and (heap) and ((local or global) adj3 object)  | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 17:44 |
| S21<br>4 | 61  | (stack) and (heap) and ((local or global) adj3 object) and (memory near4 management)                        | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 18:08 |
| S21<br>5 | 1   | "6308185".PN.   | USPAT              | OR | OFF | 2004/02/03 17:50 |
| S21<br>6 | 1   | "6256637".PN.   | USPAT              | OR | OFF | 2004/02/03 17:51 |
| S21<br>7 | 1   | "6173294".PN.   | USPAT              | OR | OFF | 2004/02/03 17:53 |
| S21<br>8 | 1   | "6148310".PN.   | USPAT              | OR | OFF | 2004/02/03 17:53 |
| S21<br>9 | 1   | "6098089".PN.   | USPAT              | OR | OFF | 2004/02/03 17:53 |
| S22<br>0 | 3   | (creat\$3 adj5 object) and (monitor\$3 adj5 object) and (chang\$3 adj5 status) and heap and stack           | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 18:10 |
| S22<br>1 | 19  | (creat\$3 adj5 object) and (monitor\$3) and (chang\$3 adj5 status) and heap and stack                       | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 18:12 |
| S22<br>2 | 194 | (creat\$3 adj5 object) and heap and stack and local and global  | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 18:12 |
| S22<br>3 | 92  | (creat\$3 adj5 object) and heap and stack and local and global and status and static                        | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 18:14 |
| S22<br>4 | 3   | local and global and ((chang\$3 or updat\$3) near5 (object near3 status)) and heap and stack                | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 18:35 |
| S22<br>5 | 14  | (thread adj3 heap) and (thread adj3 stack) and local and global   | US-PGPUB;<br>USPAT | OR | ON  | 2004/02/03 18:54 |
| S22<br>6 | 1   | "6052699".PN.   | USPAT              | OR | OFF | 2004/02/03 18:36 |
| S22<br>7 | 1   | "5991779".PN.   | USPAT              | OR | OFF | 2004/02/03 18:37 |
| S22<br>8 | 1   | "5930807".PN.   | USPAT              | OR | OFF | 2004/02/03 18:38 |

|          |      |  |                              |    |     |                  |
|----------|------|--|------------------------------|----|-----|------------------|
| S22<br>9 | 1    | "5848423".PN.  | USPAT                        | OR | OFF | 2004/02/03 18:39 |
| S23<br>0 | 1    | "5819299".PN.  | USPAT                        | OR | OFF | 2004/02/03 18:39 |
| S23<br>1 | 1    | "5761670".PN.  | USPAT                        | OR | OFF | 2004/02/03 18:40 |
| S23<br>2 | 1    | "5701470".PN.  | USPAT                        | OR | OFF | 2004/02/03 18:52 |
| S23<br>3 | 1    | "5603030".PN.  | USPAT                        | OR | OFF | 2004/02/03 18:52 |
| S23<br>4 | 1    | "5596754".PN.  | USPAT                        | OR | OFF | 2004/02/03 18:52 |
| S23<br>5 | 1    | "5560029".PN.  | USPAT                        | OR | OFF | 2004/02/03 18:53 |
| S23<br>6 | 1    | "5488721".PN.  | USPAT                        | OR | OFF | 2004/02/03 18:53 |
| S23<br>7 | 79   | (local and global) and (mov\$3<br>near4 object) and thread and heap                          | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/03 19:00 |
| S23<br>8 | 0    | ("houlsworth.in.").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/02/03 19:00 |
| S23<br>9 | 0    | ("houlsdworth.in.").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/02/03 19:00 |
| S24<br>0 | 2    | houlsdworth.in.  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:01 |
| S24<br>1 | 1    | "5968157".PN.  | USPAT                        | OR | OFF | 2004/02/03 19:05 |
| S24<br>2 | 6805 | phillips.as.   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:01 |
| S24<br>3 | 0    | phillips.as. and stack and thread<br>and heap  | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:02 |
| S24<br>4 | 0    | phillips.as. and thread and heap   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:03 |
| S24<br>5 | 0    | phillips.as. and (memory adj3<br>management)   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:03 |
| S24<br>6 | 624  | (memory adj3 management) and<br>(heap)   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:03 |
| S24<br>7 | 9    | (memory adj3 management) and<br>(heap) and (local adj3 object) and<br>(global adj3 object)   | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:06 |
| S24<br>8 | 11   | (memory adj3 management) and<br>(heap) and (private adj3 object)<br>and (shared adj3 object) | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:08 |

|          |     |  |                              |    |     |                  |
|----------|-----|--|------------------------------|----|-----|------------------|
| S24<br>9 | 152 | (memory adj3 management) and (heap) and thread and local and global                    | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:08 |
| S25<br>0 | 18  | (memory adj3 management) and (heap) and thread and local and global and "718"/\$.ccls. | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:09 |
| S25<br>1 | 23  | (memory adj3 management) and (heap) and thread and local and global and "719"/\$.ccls. | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:21 |
| S25<br>2 | 1   | "5819299".PN.  | USPAT                        | OR | OFF | 2004/02/04 11:16 |
| S25<br>3 | 1   | "5241673".PN.  | USPAT                        | OR | OFF | 2004/02/04 11:16 |
| S25<br>4 | 19  | (memory adj3 management) and (local adj3 object) and (global adj3 object)              | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:29 |
| S25<br>5 | 307 | (memory adj3 management) and (status near3 object)                                     | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:29 |
| S25<br>6 | 118 | (memory adj3 management) and (status near3 object) and local and global                | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 11:30 |
| S25<br>7 | 28  | (memory adj3 management) and (status near3 object) and local and global and root       | US-PGPUB;<br>USPAT           | OR | ON  | 2004/02/04 15:12 |
| S25<br>8 | 1   | ("5924093").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/02/04 15:13 |
| S25<br>9 | 1   | ("5566321").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/02/04 18:09 |
| S26<br>0 | 1   | ("6757891").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/01/14 18:28 |
| S26<br>1 | 1   | ("5566321").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/01/14 18:28 |